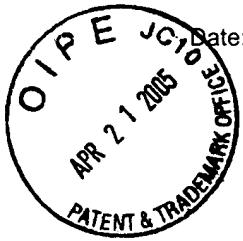


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Date: 4/19/05

By:   
Rena Iov

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF:  
**BALENDIRAN, GANESARATNAM K.**  
APPLICATION No.: 10/826,679  
FILED: APRIL 16, 2004  
FOR: **OXIDOREDUCTASE INHIBITORS AND  
METHODS OF SCREENING AND USING  
THEREOF**

ART UNIT: 1614  
CONF. NO: 9599

**Information Disclosure Statement Within Three Months of  
Application Filing or Before First Action – 37 C.F.R. § 1.97(b)**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 C.F.R. § 1.97(b)]. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

- Copies of the following references are enclosed:
- All cited references
  - References marked by asterisks
  - The following:

- Copies of the following references can be found in parent U.S. Application No.
  - All cited references
  - References marked by asterisks
  - The following:
- This application was filed after 30 June 2003 and no copies of U.S. patents nor published applications are enclosed (See Notice of Deputy Commissioner Kunin on 11 July 2003).
- The following references are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching Authority citing the reference, (iii) a copy of a reference which appears to be an English-language counterpart, or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.
  - All cited references
  - References marked by ampersands
  - The following:

3. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due because this Information Disclosure Statement is being filed before the mailing date of the first Office Action.

- Applicant further submits that no fee is due in light of the following certification under 37 C.F.R. § 1.97(e) (check only one):
  - In accordance with 37 C.F.R. § 1.97(e)(1), the undersigned hereby states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or

- In accordance with 37 C.F.R. § 1.97(e)(2), the undersigned hereby states that no item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of this statement.

However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-2586.

5. Patent Term Adjustment (37 C.F.R. § 1.704(d))

- The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

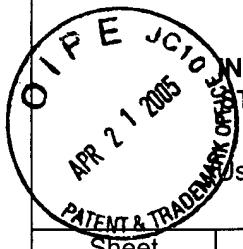
Respectfully submitted,  
Perkins Coie LLP

Date: 4-18-05

  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
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				<b>COMPLETE IF KNOWN</b>	
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Confirmation Number	9599				
Filing Date	April 16, 2004				
First Named Inventor	Ganesaratnam K. Balendiran				
Group Art Unit	1614				
Examiner Name	Not yet assigned				
Attorney Docket No.	54435.8003.US01				

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of

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<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document
		NUMBER	Kind Code (if known)		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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**OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS**

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	A1	Ahmed, N. K., Felsted, R. L. and Bachur, N. R. Daunorubicin reduction mediated by aldehyde and ketone reductases. <i>Xenobiotica</i> 11(2):131-136 (1981).	
	A2	Alter MJ, Kruszon-Moran D, Nainan OV, et al. The prevalence of hepatitis C virus infection in the United States, 1988 through 1994. <i>N Engl J Med</i> 341:556-62 (1999).	
	A3	Ames, B. N. Micronutrient deficiencies: A major cause of DNA damage. <i>Ann. N. Y. Acad. Sci.</i> 889:87-106 (1999).	
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	A7	Balendiran, G. K., Schnutgen, F., Scapin, G., Borchers, T., Xhong, N., Godbout, R., Spener, F. and Sacchettini, J. C. Crystal Structure and thermodynamic analysis of human brain fatty acid binding protein. <i>J. Biol. Chem.</i> 275(35):27045-27054 (2000).			
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	A15	Calderone, V., Chevrier, B., Van Zandt, M., Lamour, V., Howard, E., Poterzman, A., Barth, P., Mitschler, A., Lu, J., Dvornik, D. M., Klebe, G., Kraemer, O., Moorman, A. R., Moras, D. and Podjarny, A.: The Structure of Human Aldose Reductase Bound to the Inhibitor Idd384. <i>Acta Cryst. Sect. D</i> 56:536-40 (2000).			
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	A24	Dixit, B. L., Balendrian, G. K., Watowich, S. J., Srivastava, S., Ramana, K. V., Pettrash, J. M., Bhatnagar, A. and Srivastava, S. K. Kinetic and structural characterization of the glutathione binding site of aldose reductase. <i>J. Biol. Chem.</i> 275:21587-21595 (2000).			
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	A33	Goldblatt SA, Nadel EM. Cancer cells in the circulating blood: A critical review. <i>Acta Cytol.</i> 30:6-20 (1965).			
	A34	Goodsell, D. S., Morris, G. M. and Olson, A. J. Automated docking of flexible ligands: Applications of AutoDock. <i>J. Mol. Recognit.</i> 9:1-5 (1996).			
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	A42	Jeng KS, Chen BF, Lin HJ. En bloc resection for extensive hepatocellular carcinoma: Is it advisable? <i>World J. Surg.</i> 18:834-839 (1994).			
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	A50	Kawamura I, Yamamoto N, Sakai F, Yamazaki H, Naoe Y, Inami M, Manda T, Shimomura K. Activation of lipoprotein lipase and inhibition of B16 melanoma-induced cachexia in mice by ponalrestat, an aldose reductase inhibitor. <i>Anticancer Res.</i> 19:341-8 (1999).			
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	A53	Lamour, V., Barth, P., Rogniaux, H., Poterszman, A., Howard, E., Mitschler, A., Van Dorsselaer, A., Podjarny, A. and Moras, D. Production of crystals of human aldose reductase with very high resolution diffraction. <i>Acta Cryst.</i> D55:721-23 (1999).			
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